

CHECKLIST FOR HAZARDOUS WASTE INCINERATOR TRIAL BURN PLANS

Facility Name

PRATT & WHITNEY

Contact Name

Address

Contact Phone Number

Date of Submission

A. Waste Analysis Data 270.62(b)(2)(i)

Provide information required, including sampling and analysis methods used for each waste stream to be burned during trial burn:

- ° heat value
- ° composition
- ° viscosity (if applicable)
- ° list of Appendix VIII hazardous constituents
- ° quantification of Appendix VIII hazardous constituents

Recommended information for each waste stream (include methods):

- ° ash content
- ° organically bound chloride content
- ° water content

B. POHC Data 270.62(b)(2)(viii)(4)

Provide information pertaining to principle organic hazardous constituents (POHCs) contained in each waste stream to be burned during trial burn:

- ° POHCs selected
- ° Basis for selection-ranking methodology
- ° Concentration in waste stream

C. Engineering Description of Incinerator

270.62(b)(2)(ii)

Provide information required to describe incinerator in detail (where applicable):

- ° Type of incinerator
- ° Linear dimensions of incinerator, including cross sectional area of combustion chamber

location in plan

comments

RCRA RECORDS CENTER
FACILITY Pratt & Whitney - Main St
I.D. NO. CTD990672581
FILE LOC. R-1B
OTHER RDMS*2752

In general, during trial burn provide information pertaining to planned operating procedures:

- ° Planned operation of pollution control equipment including pressure drop, scrubber water flow, as applicable.
- ° Procedures for testing emergency shutdown and waste feed cut-off equipment
- ° Calibration of temperature, combustion gas velocity, pressure, and CO monitors

location in plan

comments

location in plancomments

- Waste feed monitoring and control systems
- Auxilliary fuel system (type/feed)
- Waste feed cut-off system(s)
- Capacity of prime mover
- Stack gas monitoring equipment (CO and O₂)
- Pollution control equipment (HCl, particulate, and fugitive emissions)
- Nozzle and burner design
- Construction materials
- Location and description of temperature, pressure and air flow indicating and control devices

D. Sampling and Monitoring Procedures 270.62(b)(iii)

Describe procedures to sample and monitor operating pressures and temperatures, waste input rate, CO emission rate, POHC emissions, other air emissions, combustion gas velocity, ash, HCL emissions and scrubber solutions during trial burn:

- Locations
- equipment
- frequency and duration
- pre-test protocol (set-up, calibration)
- planned analytical procedures for sample analyses

E. Test Schedule 270.62(b)(iv)

Provide information relating to scheduling trial burn for each planned waste stream including:

- Date
- Duration
- Quantity of waste to be burned
- Provisions for re-scheduling if necessary due to equipment malfunction or other reason

F. Test Protocol 270.62(b)(vi);(vii)

For each waste stream to be burned provide information pertaining to planned operating procedures:

- Temperature range
- Waste feed rate
- Combustion gas velocity